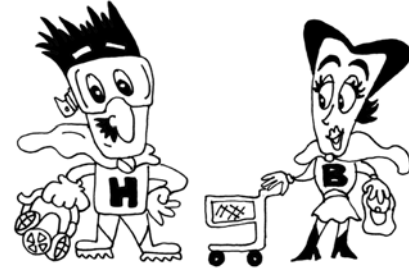


Attention, teachers!

We want to help you teach students what they need to know! That's why the activities being provided for use in your classroom were designed to address specific Indiana Academic Standards, as identified by the Indiana Department of Education. Below, we've described each activity, noted the appropriate grade levels, the themes, and the standards addressed. We hope you find this information useful.



Maze Matters — To complete the maze, the students will have to avoid hazards.

- **Grade Levels:** K-1
- **Theme:** Safety
- **Standards of Learning addressed:**
 - Social Studies/Civics & Government/Function of Government & Roles of Citizens (K.2.2, K.2.5, 1.2.3, 1.2.4, 1.2.5)
 - Language Arts/Comprehension (K.2.2, K.2.5, 1.2.4)
 - Language Arts/Listening & Speaking/Comprehension (K.7.1, 1.7.1, 1.7.2, 1.7.3)
 - Art/Creating Art/Production (K.8.2, K.9.2, 1.7.1, 1.9.3)
 - Art/Integrated Studies (1.13.1)

Yuck! Not in your mouth! — Students will be asked to match materials (some hazardous/some not) in the first column with the appropriate symbol (hazardous/non-hazardous) in the second column. There is a supplemental activity asking students to write about their findings.

- **Grade Levels:** K-1
- **Theme:** Identifying and understanding hazards
- **Standards of Learning addressed:**
 - Science/Nature of Science & Technology/Scientific Inquiry (K.1.1, 1.1.1)
 - Science/Scientific Thinking (K.2.2, 1.2.7)
 - Language Arts/Writing Applications (K.5.1, 1.5.2, 1.5.4)
 - Language Arts/Vocabulary/Vocabulary & Concept Development (K.1.21)

Before and After — Students will be asked to identify prefixes and suffixes while reading about buying, using, and getting rid of potentially hazardous products the right way.

- **Grade Levels:** 2-3
- **Themes:** Reading labels for safety, Using up products, Disposing properly
- **Standards of Learning addressed:**
 - Language Arts/Vocabulary/Vocabulary & Concept Development (2.1.9, 3.1.8)

Picture This! — Students will be given a pictograph and will be asked to answer several comprehension questions. Then, given some related data, students will create their own pictographs.

- **Grade Levels:** 2-3
- **Theme:** Identifying hazards and understanding the nature of hazards
- **Standards of Learning addressed:**
 - Language Arts/Comprehension/Comprehension & Analysis (2.2.7, 3.2.3)
 - Social Studies/Individuals, Society & Culture/Responsibilities (2.5.1)
 - Math/Number Sense (2.1.12, 3.1.3)

Paint Like a Pro — Students will be given a problem about painting a room and will be asked to use measurement skills to find the amount of paint and other items needed. This will also touch on label-reading skills and following directions. They'll also learn about alternatives and selection procedures.

- **Grade Levels:** 4-6
- **Theme:** Buying the correct amount of the least hazardous product for a project

- **Standards of Learning addressed:**
Math/Computation (4.2.4, 5.2.1, 6.2.5)
Math/Measurement (4.5.7, 5.5.2, 6.5.1)
Math/Problem Solving (4.7.4, 5.7.4, 5.7.5, 6.7.9)
Science/Scientific Thinking/Manipulation & Observation (5.2.5)
Science/Scientific Thinking/Computation & Estimation (4.2.1, 4.2.2)
Science/Scientific Thinking/Critical Response Skills (6.2.9)
Social Studies/Economics (5.4.8, 6.4.10)
Social Studies/Civics & Government/Roles of Citizens (4.2.7)

Hazards in Your House?! — This crossword will incorporate a “glossary” of words related to the proper selection, handling, and disposal of hazardous materials.

- **Grade Levels:** 4-6
- **Theme:** Understanding terms related to hazardous products
- **Standards of Learning addressed:**
Language Arts/Vocabulary/Vocabulary & Concept Development (4.1.5, 5.1.2, 6.1.4)
Language Arts/Comprehension/Comprehension & Analysis (4.2.3, 5.2.4, 6.2.3)
Language Arts/Comprehension/Structural Features (5.2.1)
Language Arts/Comprehension/Expository Critique (6.2.7)
Science/Nature of Science & Technology/Technology & Science (4.1.9, 5.1.6)
Science/Scientific Thinking/Communication Skills (6.2.7)
Science/Scientific Thinking/Critical Response Skills (6.2.9)

A Way With Words — Students will read a series of sentences about how to buy, use, and dispose of hazardous waste the right way. In these sentences, they will search for anagrams (e.g., react/crate).

- **Grade Levels:** 4-6
- **Theme:** How to choose, handle, and dispose of hazardous materials
- **Standards of Learning addressed:**
Language Arts/Word Recognition/Decoding (4.1.1, 5.1.1, 6.1.1)
Language Arts/Writing/English Language Conventions/Spelling (4.6.8, 5.6.7, 6.6.5)

Safety Sleuth — Students will be given two labels. Students will be asked to find several types of information and describe how this information should be used.

- **Grade Levels:** 7-8
- **Theme:** How to choose, handle, and dispose of hazardous materials
- **Standards of Learning addressed:**
Language Arts/Vocabulary/Vocabulary & Concept Development (7.1.2, 7.1.3, 8.1.3)
Language Arts/Comprehension/Structural Features (7.2.2, 8.2.1)

Disposal Dilemma — Students will be given information about an imaginary household hazardous waste (HHW) disposal event in graph form, as well as via description. Based upon this information, students will be asked to make predictions about the outcome of a future HHW disposal event. Finally, students will be asked to promote this future event using language and graphics.

- **Grade Levels:** 7-8
- **Theme:** Proper disposal
- **Standards of Learning addressed:**
Math/Algebra & Functions (7.3.1, 8.3.1)
Math/Data Analysis & Probability (7.6.2, 8.6.4)
Science/Scientific Thinking/Computation & Estimation (7.2.1, 7.2.5)
Science/Scientific Thinking/Communication Skills (7.2.7, 8.2.7, 8.2.8)
Science/The Mathematical World/Reasoning & Uncertainty (8.5.7, 8.5.8)
Language Arts/Comprehension/Comprehension & Analysis (8.2.5)
Language Arts/Writing/Applications (7.5.4, 7.5.7, 8.5.4, 8.5.7)
Art/Creating Art/Production (7.7.3, 7.9.2, 8.7.2, 8.7.3, 8.9.2)